

Title (en)

Emulsion compositions for flameproof foam sheet.

Title (de)

Emulsion-Zusammensetzungen für Flammenschutzschaumschicht.

Title (fr)

Compositions sous forme d'émulsion pour feuille en mousse ignifuge.

Publication

EP 0653475 A3 19951213 (EN)

Application

EP 94308403 A 19941114

Priority

JP 28661193 A 19931116

Abstract (en)

[origin: EP0653475A2] A emulsion composition for flameproof foam sheet which comprises components (A)-(C) wherein the amount of component (B) is 5-50 parts by weight per 100 parts by weight of component (A) (based on solid content), and the amount of component (C) is 50-350 parts by weight per 100 parts by weight of component (A) (based on solid content): (A): A emulsion of ethylene-vinyl ester copolymer which is composed of 5-35 % by weight of (a1) ethylene and 95-65 % by weight of (a2) vinyl ester and, whose glass transition temperature is -25 DEG C- +15 DEG C and toluene-insoluble part is 30 % or more by weight; (B): Thermal expansive hollow micro bead; (C): Inorganic filler. The emulsion composition of the invention, which does not contain vinyl chloride-containing copolymer, which generates poisonous chloride gas at the time of disposal by burning, is superior in mechanical strength, crack resistance, water resistance, alkali resistance, blocking resistance, foaming property and embossing property, which are required as the essential properties for foam wall paper, and further superior in flame resistance, and can be used for flameproof foam sheet for wall paper.

IPC 1-7

C09K 21/14

IPC 8 full level

C09K 21/14 (2006.01)

CPC (source: EP US)

C09K 21/14 (2013.01 - EP US)

Citation (search report)

- [Y] EP 0281226 A1 19880907 - MINNESOTA MINING & MFG [US]
- [Y] DATABASE WPI Week 7812, Derwent World Patents Index; AN 78-22785A
- [A] DATABASE WPI Week 7423, Derwent World Patents Index; AN 74-42862V
- [A] DATABASE WPI Week 8905, Derwent World Patents Index; AN 89-035368

Cited by

RU2509092C2; FR2891837A1; US8247476B2; US7955657B2; WO2010025995A1; WO2007042697A1

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